



United States Department of the Interior

5/001/063

0008

BUREAU OF LAND MANAGEMENT

Cedar City Field Office

176 East DL Sargent Drive

Cedar City, UT 84720

Telephone (435) 586-2401

FAX (435) 865-3058

In Reply Refer To:

UT-042

3809: UTU-80525

June 30, 2003

Mr. Sandy Nell
13171 S 3300 W
Riverton, UT 84065

Dear Mr. Nell:

This letter acknowledges an exploration notice, submitted under the 43 CFR 3809 regulations and received in this office via facsimile on June 30, 2003. The notice was dated June 20, 2003 with yourself listed as the operator. The notice proposes exploration bulk sampling of kaolinite clay from BLM-managed lands on the summit ridgeline of Blawn Mtn. within the W $\frac{1}{2}$ SW $\frac{1}{4}$ of section 30, T. 29 S., R. 15 W., Beaver County, Utah. The clay is to be marketed as an alumina source in the production of low-alkali cement. The project disturbances will coincide with a previously disturbed and reclaimed small mine operation site located on the Iron Queen unpatented mining claim. The notice calls for 1.0 acre of site disturbance. Your notice has been serialized by this office as UTU-80525, the Sandy Wash 4 Project. Please use this number in all future correspondence with this office.

The notice has been reviewed for compliance with the 3809 regulations and for possible conflicts with cultural resources, threatened or endangered (T & E) plants and animals, and land status. The notice content is sufficient to deem the notice complete. No critical resource conflicts requiring special mitigation measures were identified.

I have recommended to the BLM Utah State Office that the financial guarantee required to conduct the work under this notice should be \$4,000.00. Ms. Abeyta at the BLM Utah State Office informed me that you have submitted an acceptable financial guarantee in the amount of \$4,000.00 on June 23, 2003. These monies will be released to you as soon as the reclamation plan provided in the notice is carried out. To the extent that they do not contradict the reclamation plan in your notice, the operating practices and reclamation standards enclosed also apply to the disturbances to be made under this notice.

I have been informed by the State of Utah, Division of Oil, Gas, and Mining (Division) that you have already accepted an amendment to an existing small mine permit covering the disturbances proposed by the notice, and have received written acceptance of that notice. The Division has serialized the project as S/001/063. All applicable regulatory requirements overseen by the BLM and the Division appear to have been met and you are cleared to proceed with the proposed project work.

If you have any questions, feel free to call me at (435) 865-3040.

Sincerely,

Ed Ginouves
Mining Engineer

cc: Tom Munson, DOGM

Enclosure: Copy of Exploration Notice, UTU-80521
CCFO Standard Operating Practices and Reclamation Standards

RECEIVED
JUL 02 2003
DIV. OF OIL, GAS & MINING

0008

Notice of Intent to Conduct Mineral Exploration under the 43 CFR 3809 Regulations**3809.301(b)(1) – Operator Information**

Name: Sandy Nell
Address: 13171 S 3300 W, Riverton, Utah 84065
Phone: 801-253-2484
FAX: 801-568-0909
Taxpayer ID # :
BLM UMC # of unpatented mining claims where activity is proposed:

3809.301(b)(2) – Activity Description

The project is located on BLM-managed lands within the W $\frac{1}{2}$ SW $\frac{1}{4}$ of section 30, T. 29 S., R. 16 W., Beaver County, Utah. The site is located on the ridge-line-summit of Blawn Mountain. The project area is underlain by hydrothermally-altered limestones and dolomites (silicified and kaolinized). Prior sampling of the rock and exploration drilling in the area suggests the deposit has potential market value as a source of alumina for cement manufacture.

The proposed project activity includes exploration drilling, trenching and bulk sampling within the bulk sampling area depicted on the attached project map. The bulk sample will not exceed 1000 tons of rock. The sampling area lies entirely within a previously disturbed and reclaimed, similar bulk-sampling project conducted in 2000-2001 by Breccia Development. The proposed sampling area will first be cleared of the topsoil / rock-rubble, which will be stockpiled along the western edge of the proposed sampling area. The bulk sampling will be conducted by shallow trenching within the bulk sampling area utilizing a Cat 345B (or similar) tracked excavator. The sample will be loaded into end-dump haul trucks using the excavator and hauled from the site via existing access roads along the ridge-top and down the southeast side of Blawn Mountain to the County-maintained Jockey Road, about 5 miles distant. The bulk sampling area encompasses 1.1 acres. The sampling will occur as soon as authorization is received.

3809.301(b)(3) – Reclamation Plan

The sampling area will be cleared of the existing topsoil / rock-rubble covering, which will be stockpiled along the western edge of the proposed sampling area.

If the bulk sampling results in ongoing demand for the material, the operator will submit a plan of operations to conduct small-scale surface mining operations at the site. The reclamation of any disturbances created under the bulk sampling notice will be addressed by that plan.

If the bulk sampling does not result in commercial demand for the material, any trenches and pits created through the sampling will be smoothed / re-contoured, and the topsoil / rock-rubble overburden replaced on the area that was cleared. The re-contoured area will then be broadcast seeded using a seed mixture specified by the BLM.

3809.301(b)(4) – Reclamation Cost Estimate

The operator proposes to post a financial guarantee in the amount of \$4,000 to secure 3rd party reclamation of the proposed disturbances within the bulk sampling area.

Sandy Nell
Operator Signature

6-20-03
Date

ATT ED GENOUS



Project: Blawn Mtn. Kaolin Mine

Operator: Sandy Nell

BLM File: UTU-80852

NEPA: EA UT-040-03-042

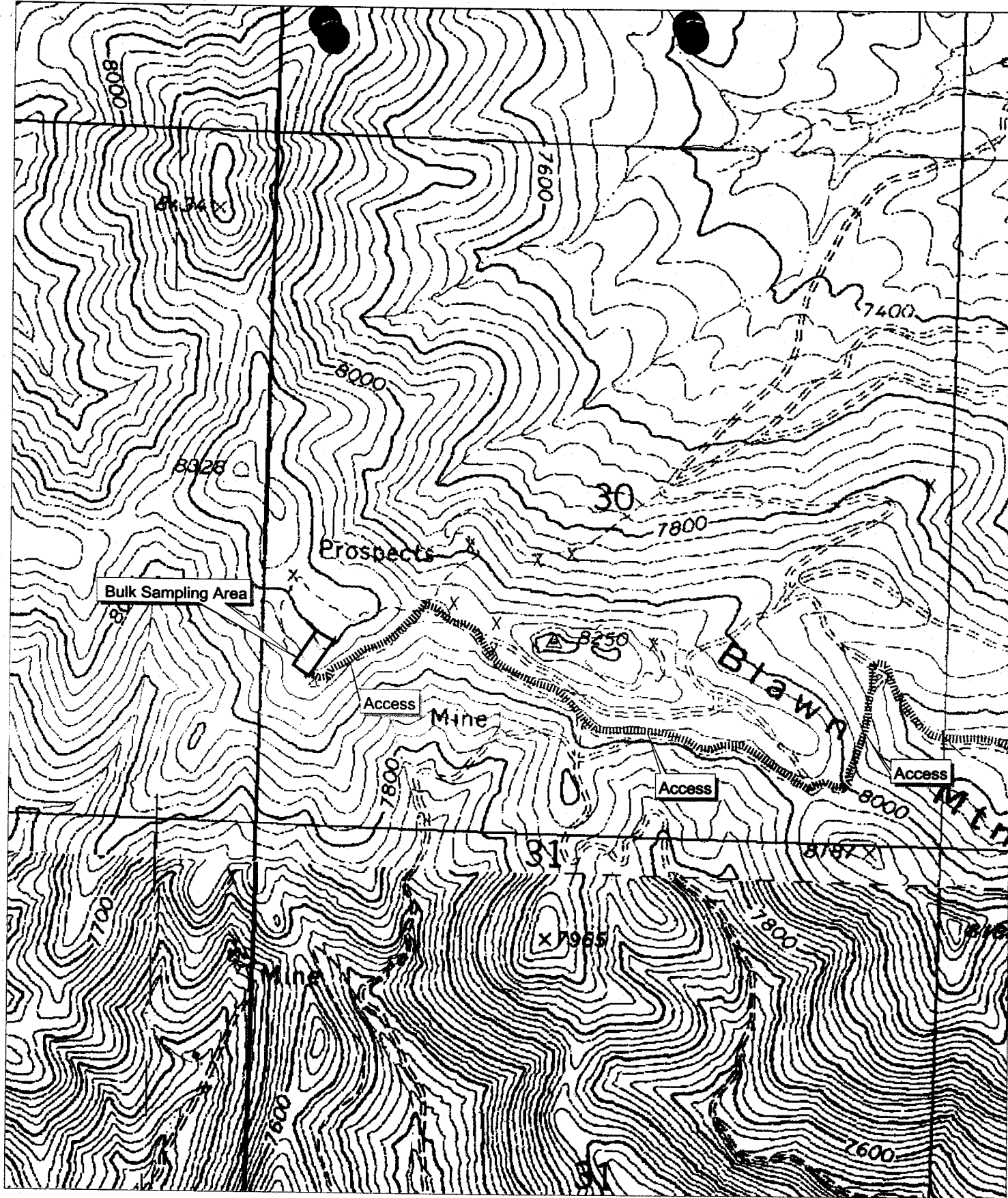
Notes: Bulk Sampling Area is 1.1 acres.

Mine Area is 2.3 acres. Project uses existing access roads.

Base Map: USGS The Tetons and Lamerdorf Peak 7.5' Quads



Scale 1: 24,000
1"= 2,000'

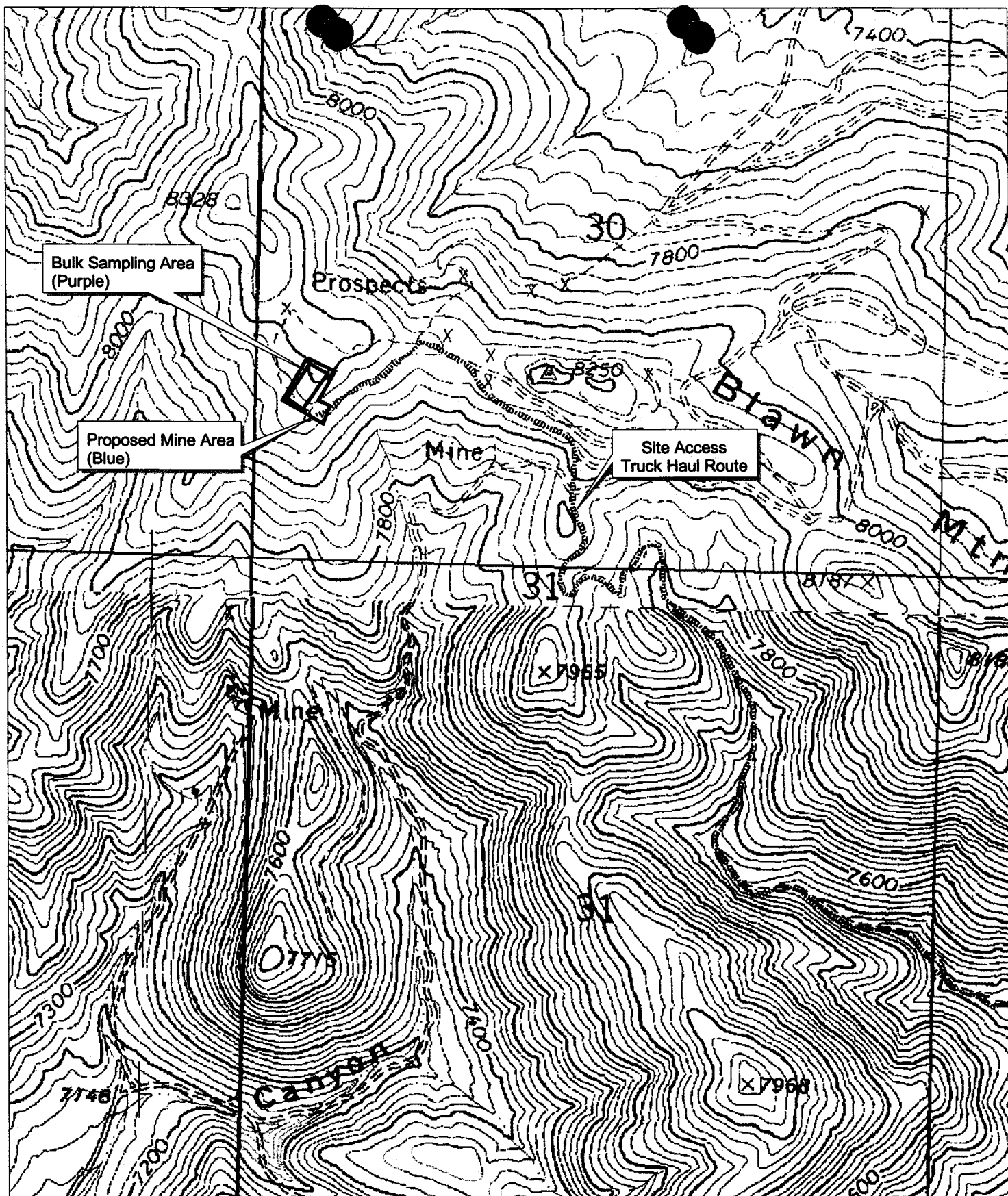


Project: Sandy Wash 4
Operator: Sandy Nell
BLM File: UTU-80525
DOGM File: S/001/063
Date Mapped: June 11, 2003
Notes: Bulk Sampling Area is 1.1 acres.
Project uses existing access roads.

Base Map: USGS Lamerdorf Peak 7.5' Quad



Scale 1: 12,000
1" = 1000'



Project: Blawn Mtn. Kaolin Mine
 Operator: Sandy Nell
 BLM File: UTU-80852
 NEPA: EA UT-040-03-042
 Notes: Bulk Sampling Area is 1.1 acres.
 Mine Area is 2.3 acres. Project uses existing access roads.

Base Map: USGS The Tetons and Lamerdorf Peak 7.5' Quads



Scale 1: 12,000
 1" = 1,000'

STANDARD OPERATING PROCEDURES
for
Exploration/Mining Activities, BLM Cedar City Field Office

1. Existing road access will be used whenever possible. Access will be planned for the minimum width needed for operations and will not exceed 16 feet in width. Roads will follow natural contours where practicable to minimize the need for cut and fill. The cuts from construction or improvement of access will be less than 3 feet on the inside edge. The authorized officer will be notified of any exceptions before construction begins.
2. Disturbance of existing vegetation will be held to the minimum necessary for the operation. Large vegetation such as piñon and juniper trees will be avoided whenever possible.
3. If cultural resources are encountered, including all historic or prehistoric artifacts or structures, the operator will immediately suspend operations and report the findings to the BLM field office. It is the responsibility of the operator to ensure there is no removal or destruction of historic and prehistoric remains on public lands.
4. If an endangered species is encountered, the operator will avoid the species and immediately inform the BLM field office. Wild horses, wildlife and livestock will not be harassed.
5. All sites will be kept in a safe, clean, and environmentally stable condition. Any hazardous materials used in the operation must be pre-approved by BLM personnel and kept in approved safe containers. The BLM field office will be immediately notified of any spills or accidents involving hazardous materials.
6. Water from stock-water reservoirs, springs, and wells will not be used for operations unless prior approval has been granted by the individual or agency responsible for the water rights of the source.
7. All official survey monuments, witness corners, reference monuments, bearing trees, etc., will be protected against destruction, obliteration or damage. Current mining claim markers will also be protected. When mining or exploration activities are concluded, the operator will remove all operation survey markers, stakes, flagging, etc., which are not needed for ongoing activities.
8. Wet roads should be avoided when ruts of two inches or deeper will result from road use. The operator will be responsible for reconditioning public roads used under these conditions.

RECLAMATION STANDARDS
for
Exploration/Mining Activities, BLM Cedar City Field Office

1. At the earliest feasible time, the operator will reclaim the area disturbed, except to the extent necessary to preserve evidence of mineralization. Reclamation will include reasonable measures to prevent or control onsite and offsite damage of public lands.
2. Reclamation will include but not be limited to:
 - a. Saving topsoil (top 3 to 6 inches) for final application after reshaping of disturbed areas.
 - b. Controlling erosion, landslides, and water runoff.
 - c. Isolating, removing, or controlling toxic materials.
 - d. Reshaping disturbed areas, applying topsoil, and revegetating where reasonably practicable.
 - e. Controlling noxious weeds invading the site.
 - f. Rehabilitating fisheries and wildlife habitat.
3. Access roads, unless otherwise approved by the authorized officer, will be closed by reshaping the disturbed area to near original contours, scarifying where compaction prevents seed covering, and revegetating with the mixture specified below. Water bars will be placed on steep inclines and access blocked to future vehicular traffic.
4. Unless otherwise approved in the acceptance of the notice, all high walls or material piles will be recontoured to slopes not steeper than 3:1 and revegetated using the recommended mixture.
5. Authorized pits with high walls in excess of 4 feet will be fenced or barricaded to protect unsuspecting public land users from injury. All shafts and adits will be covered or blocked to prevent unauthorized or accidental entry.
6. Seeding of disturbed areas will be done between September 30 and December 15. Seed should not be placed on top of deep snow. Seed beds will be prepared to a depth of 6 inches by ripping, discing, or harrowing. Seed will be planted with a rangeland or farm drill or broadcast seeded. If broadcast seeded, the seed will be harrowed or raked $\frac{1}{4}$ to $\frac{1}{2}$ inch into the soil. The seed amount described below will be doubled if the area is broadcast seeded. The recommended seed mixture to be used on all disturbed areas if applied by a drill includes:

Blue-bunch wheatgrass	2 lb / acre
Indian ricegrass (var. Nezpar)	1 lb / acre
Smooth brome grass	1 lb / acre
Pubescent wheatgrass	1 lb / acre
Small Burnet	1 lb / acre
Fourwing saltbush	$\frac{1}{2}$ lb / acre
Bitterbrush	$\frac{1}{2}$ lb / acre
Lewis Flax	$\frac{1}{2}$ lb / acre
Palmer Penstemon	$\frac{1}{2}$ lb / acre
7. All hazardous tailing dumps, materials or substances produced by the operation will be disposed of in accordance with applicable federal and state laws. All waste, debris, buildings, and materials will be removed from the site and deposited at appropriate waste facilities.
8. All dry drill holes will be plugged with uncontaminated native material to a depth of 5 feet. The top 5 feet will be plugged with cement. Drill holes which encounter water will also be cemented from at least 50 feet below to 50 feet above the saturated zone. The location, depth, and relative flow rate of any subsurface water encountered will be reported to the authorized officer.
9. Additional reclamation requirements may be needed on a case-by-case basis. These additional requirements will be issued by the authorized officer after consultation with the operator.
10. The authorized officer will be notified within 10 days of final reclamation.